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Table 1

Donor DNA	Cells injected	No. rats	Tumours	%	Metastasis	%
None	Rama 37	46	22	48%	0	0%
Human metastatic	R37-Ca2-LT1	20	18	90%	6 ^b	33%
Human benign	B-T1	18	18	100%	0	0%
Human/rat metastatic tagged	R37-Ca2-HT	37	29	78%	6 ^b	21%
Human/rat metastatic	R37-Ca2-H	31	24	77%	4 ^b	17%
Human/rat benign tagged	R37-B-HT	39	31	79%	0	0%
PCR fragment F1	R37-F1	30	28	93%	12 ^b	43%
PCR fragment F2	R37-F2	40	36	90%	9 ^b	25%

Table 2

Transfecting DNA ^a	<i>opn</i> mRNA ^b	No. of rats	% Metastasis ^c
pSV2 <i>neo</i>	1	26	0
C2-DNA	2.5 ^d	18	33 ^e
C5-DNA	1.6 ^d	25	12
C6-DNA	1.6 ^d	18	50 ^e
C9-DNA	4.4 ^d	23	17 ^e
C12-DNA	2.8 ^d	13	23 ^e
C20-DNA	1.8 ^d	13	23 ^e
C9-DNA Lung metastatic line	16 ^d	24	29 ^e
CMV-1	1.1	24	0
OPN-1	6.0 ^d	42	55 ^e

Primer

5' AATCCAAGCTTGCGGCCGATCAGGCCGAATATGCGGCCGCATTAT-3'
AGGTTCTGAACGCCGGCTAGTCCGGCTTATACGCCGGCGTAATATCGA

HindIII

SftI

Notí

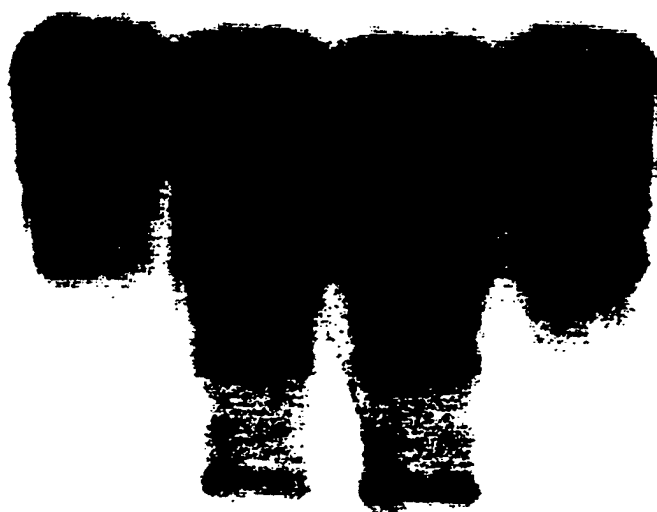
Defective *HindIII*

FIG. 1

[illegible]

Attorney	U.S. Pat.
BY	CLASS
CRAFTSMAN	

HLu Ca2 B
HT HT HTL HT



F2
F1

FIG. 2

SECRET 000000

FIG. 3
EX. 1000
CLASS

SECRET

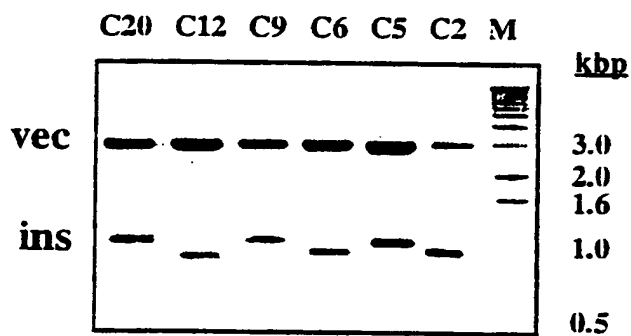


FIG. 3

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BY [Signature]
[Date]

882277 6210100

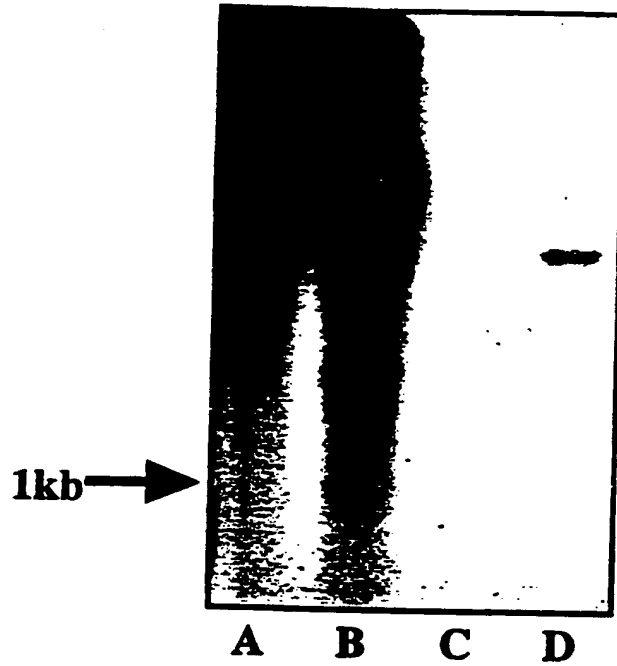


FIG. 4 A

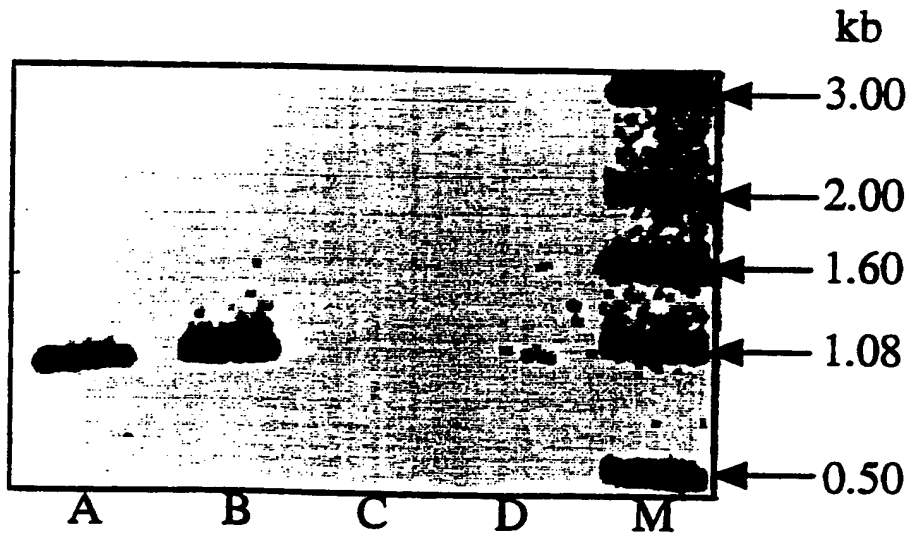


FIG. 4 B

CLASS. BY
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CLASS. BY

SECRET

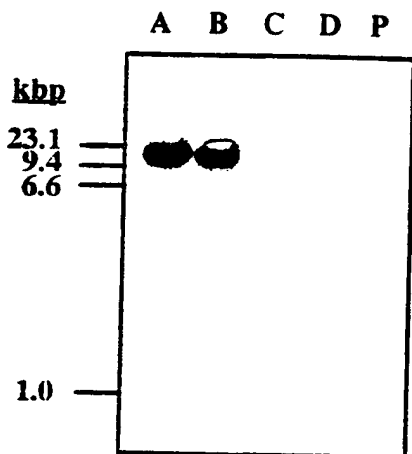


FIG. 5 a

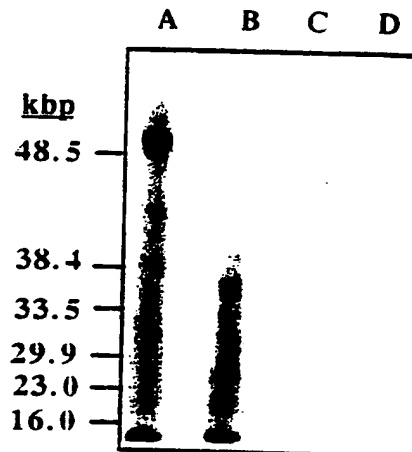


FIG. 5 b

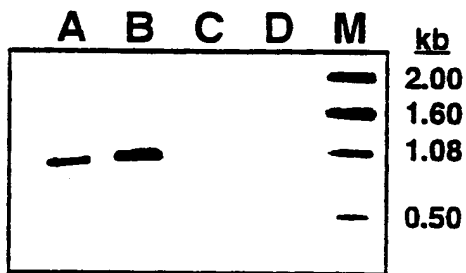


FIG. 5 c

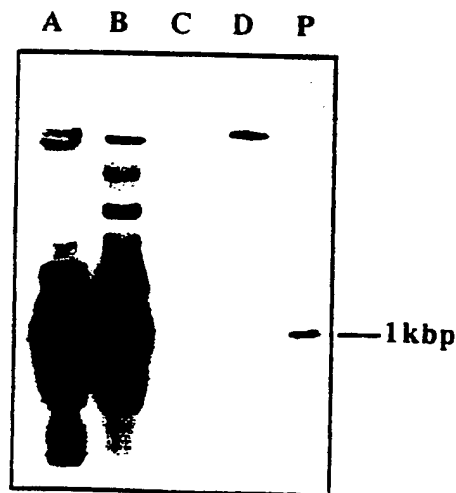


FIG. 5 d

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SECRET PHOTO

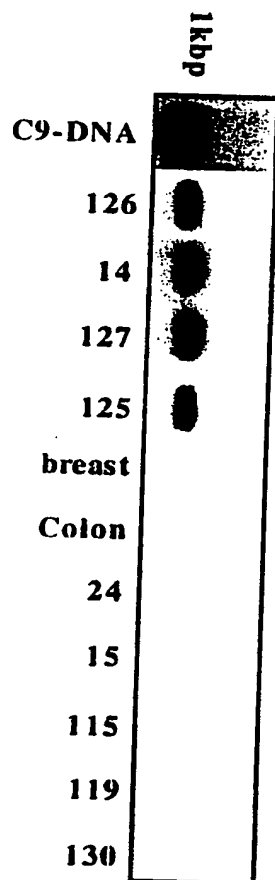


FIG. 6